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(11 pages)

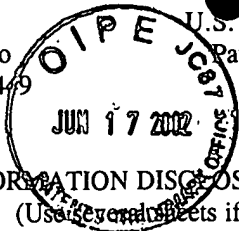
(Rev. 5/92) Comparable to Form PTO-1449		Docket No: 24180-124005	Appl. No. 10/046,500
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		RECEIVED	
		Applicants: <i>JUN 7 9 2002</i> Richards et al.	
		Filing Date: <i>TECHNOLOGY CENTER R3700</i> October 24, 2001	Group: Unassigned

U.S. PATENT DOCUMENTS							
*Exam. Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>SW</i>	AA	2,927,106	03/01/1960	Hepp, et al. ✓			
	AB	2,928,756	03/15/1960	Campbell ✓			
	AC	2,929,807	03/22/1960	Leatherman, et al. ✓			
	AD	2,930,726	03/29/1960	Jones, et al. ✓			
	AE	2,930,788	03/29/1960	Banks ✓			
	AF	2,936,303	05/10/1960	Goins ✓			
	AG	2,944,049	07/05/1960	Edmonds, Jr. ✓			
	AH	2,962,490	11/29/1960	Edmonds, Jr., et al. ✓			
	AI	2,969,348	01/24/1961	Fawcett ✓			
	AJ	2,969,408	01/24/1961	Nowlin, et al. ✓			
	AK	2,970,991	02/07/1961	Cines ✓			
	AL	2,972,604	02/21/1961	Reynolds, et al. ✓			
	AM	2,973,088	02/28/1961	Canterino ✓			
	AN	2,973,241	02/28/1961	Scott, Jr., et al. ✓			
	AO	2,997,456	08/22/1961	Mills ✓			
	AP	3,001,968	09/26/1961	Canterino, et al. ✓			
	AQ	3,005,793	10/24/1961	Wagner ✓			
	AR	3,007,902	11/07/1961	Nelson ✓			
	AS	3,007,905	11/07/1961	Bailey ✓			
	AT	3,013,820	12/19/1961	Pouppirt ✓			
	AU	3,023,180	02/27/1962	Canterino, et al. ✓			
	AV	3,023,198	02/27/1962	Nowlin, et al. ✓			
	AW	3,024,227	03/06/1962	Nowlin et al. ✓			
<i>SW</i>	AX	3,035,953	05/22/1962	Arnold ✓			

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U.S. PATENT DOCUMENTS							
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Sm	AY	3,049,529	08/14/1962	Wicklatz, et al. ✓			
	AZ	3,050,510	08/21/1962	Canterino, et al. ✓			
	BA	3,050,513	08/21/1962	Zelinski, et al. ✓			
	BB	3,051,288	08/28/1962	Borodin ✓			
	BC	3,051,692	08/28/1962	Lyons ✓			
	BD	3,067,184	12/04/1962	Cines ✓			
	BE	3,074,616	01/22/1963	Martinovich, et al. ✓			
	BF	3,075,026	01/22/1963	Banks ✓			
	BG	3,076,776	02/05/1963	Findlay ✓			
	BH	3,084,149	04/02/1963	Stevens, et al. ✓			
	BI	3,086,957	04/23/1963	Carter ✓			
	BJ	3,086,958	04/23/1963	Canterino, et al. ✓			
	BK	3,098,062	07/16/1963	Hogan ✓			
	BL	3,099,639	07/30/1963	Cobb, et al. ✓			
	BM	3,101,327	08/20/1963	Lyons ✓			
	BN	3,101,328	08/20/1963	Edmonds, Jr. ✓			
	BO	3,102,876	09/03/1963	Hogan ✓			
	BP	3,108,094	10/22/1963	Morgan ✓			
	BQ	3,108,324	10/29/1963	Zavasnik ✓			
	BR	3,118,857	01/21/1964	Carr ✓			
	BS	3,119,798	01/28/1964	Moberly, et al. ✓			
	BT	3,119,801	01/28/1964	Haskell ✓			
	BU	3,120,506	02/04/1964	Carr ✓			
	BV	3,123,583	03/03/1964	Howard, et al. ✓			
	BW	3,124,622	03/10/1964	Cywinski ✓			
Sm	BX	3,127,370	03/31/1964	Head ✓			

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Patent and Trademark Office

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INFORMATION DISCLOSURE CITATION
(Use separate sheets if necessary)

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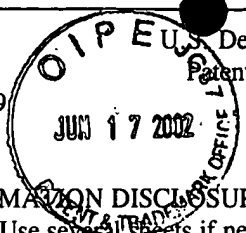
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U.S. PATENT DOCUMENTS

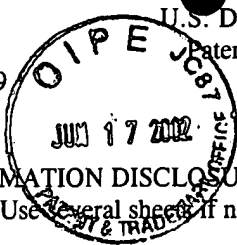
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<i>Sm</i>	BY	3,130,188	04/21/1964	Hogan ✓			
	BZ	3,147,239	09/01/1964	Canterino, et al. ✓			
	CA	3,157,564	11/17/1964	Tucker, et al. ✓			
	CB	3,165,504	01/12/1965	Hogan ✓			
	CC	3,172,872	03/09/1965	Kraus, et al. ✓			
	CD	3,174,957	03/23/1965	Hall ✓			
	CE	3,176,347	04/06/1965	Shaul ✓			
	CF	3,177,188	04/06/1965	Ray, et al. ✓			
	CG	3,177,193	04/06/1965	Scott, Jr. ✓			
	CH	3,182,049	05/04/1965	Moberly ✓			
	CI	3,183,221	05/11/1965	Axe, et al. ✓			
	CJ	3,188,258	06/08/1965	Young ✓			
	CK	3,208,982	09/28/1965	Davis ✓			
	CL	3,210,332	10/05/1965	Lyons, et al. ✓			
	CM	3,210,910	10/12/1965	Seefluth ✓			
	CN	3,211,635	10/12/1965	Cywinski ✓			
	CO	3,213,071	10/19/1965	Campbell ✓			
	CP	3,215,682	11/02/1965	Farrar, et al. ✓			
	CQ	3,218,224	11/16/1965	Osborn ✓			
	CR	3,219,649	11/23/1965	Nowlin, et al. ✓			
	CS	3,223,694	12/14/1965	Farrar, Jr. ✓			
	CT	3,228,896	01/11/1966	Canterino, et al. ✓			
	CU	3,231,650	01/25/1966	Findlay, et al. ✓			
	CV	3,232,920	02/01/1966	Naylor ✓			
	CW	3,245,975	04/12/1966	Zelinski ✓			
<i>Sm</i>	CX	3,258,456	06/28/1966	Nelson ✓			

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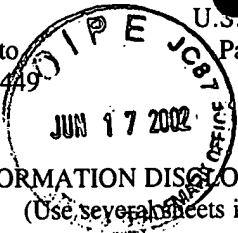
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*Exam. Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Sm</i>	CY	3,280,092	10/18/1966	Edmonds, Jr. ✓			
	CZ	3,285,889	11/15/1966	Arnold ✓			
	DA	3,287,342	11/22/1966	Walton ✓			
	DB	3,288,773	11/29/1966	Harban, et al. ✓			
	DC	3,294,868	12/27/1966	Pritchard ✓			
	DD	3,299,016	11/17/1967	Sonnenfeld ✓			
	DE	3,299,186	01/17/1967	Wallace ✓			
	DF	3,303,239	02/07/1967	Cleary, et al. ✓			
	DG	3,304,281	02/14/1967	Tucker ✓			
	DH	3,308,073	03/07/1967	Kepple ✓			
	DI	3,310,505	03/21/1967	Parker ✓			
	DJ	3,313,786	04/11/1967	Kahle, et al. ✓			
	DK	3,313,794	04/11/1967	Cleary ✓			
	DL	3,317,502	05/02/1967	Harban, et al. ✓			
	DM	3,318,721	05/09/1967	Lineburg ✓			
	DN	3,332,921	07/25/1967	Cleary ✓			
	DO	3,332,928	07/25/1967	Farrar ✓			
	DP	3,336,280	08/15/1967	Naylor ✓			
	DQ	3,345,431	10/03/1967	Harban ✓			
	DR	3,347,955	10/17/1967	Renaudo ✓			
	DS	3,347,966	10/17/1967	Seefluth ✓			
	DT	3,354,138	11/21/1967	Burr ✓			
	DU	3,354,235	11/21/1967	Hogan, et al. ✓			
	DV	3,358,056	12/12/1967	Renaudo ✓			
	DW	3,372,140	03/05/1968	Witt ✓			
<i>Sm</i>	DX	3,402,216	09/17/1968	Hutson, Jr. ✓			

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U.S. PATENT DOCUMENTS							
*Exam. Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
sm	DY	3,403,072	09/24/1968	Wheat ✓			
	DZ	3,404,104	10/01/1968	Hill, et al. ✓			
	EA	3,409,495	11/05/1968	Rasmussen ✓			
	EB	3,412,188	11/19/1968	Seefluth ✓			
	EC	3,415,710	12/10/1968	Arnold ✓			
	ED	3,429,862	02/25/1969	Fodor ✓			
	EE	3,436,380	04/01/1969	Davison ✓			
	EF	3,439,380	04/22/1969	Seefluth ✓			
	EG	3,444,153	05/13/1969	Fodor ✓			
	EH	3,445,367	05/20/1969	Kallenbach ✓			
	EI	3,445,543	05/20/1969	Gruver ✓			
	EJ	3,452,120	06/24/1969	Arnold ✓			
	EK	3,454,545	07/08/1969	Scoggin ✓			
	EL	3,454,675	07/08/1969	Scoggin ✓			
	EM	3,457,322	07/22/1969	Wentz, Jr. ✓			
	EN	3,475,517	10/28/1969	Renaudo ✓			
	EO	3,485,890	12/23/1969	Dixon ✓			
	EP	3,489,729	01/13/1970	Kahle, et al. ✓			
	EQ	3,513,152	05/19/1970	Hogan ✓			
	ER	3,525,123	08/25/1970	Cines, et al. ✓			
	ES	3,531,553	09/29/1970	Bodkins ✓			
	ET	3,536,797	10/27/1970	Cowan, et al. ✓			
	EU	3,538,565	11/10/1970	Simpson, et al. ✓			
	EV	3,544,518	12/01/1970	Bodkins, et al. ✓			
	EW	3,546,312	12/08/1970	Heckelsberg, et al. ✓			
sm	EX	3,554,961	01/12/1971	Moon ✓			

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U.S. PATENT DOCUMENTS							
*Exam. Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Sm</i>	EY	3,565,853	02/23/1971	Moon ✓			
	EZ	3,579,478	05/18/1971	Dunn, et al. ✓			
	FA	3,579,602	05/18/1971	Reusser ✓			
	FB	3,586,731	06/22/1971	Heckelsberg ✓			
	FC	3,590,095	06/29/1971	Zeuch ✓			
	FD	3,600,371	08/17/1971	Marwil ✓			
	FE	3,600,487	08/17/1971	Zavasnik ✓			
	FF	3,607,987	09/21/1971	Walton, et al. ✓			
	FG	3,620,435	11/16/1971	Hidenobu Sogi ✓			
	FH	3,627,869	12/14/1971	Walton ✓			
	FI	3,761,550	09/25/1973	Seefluth ✓			
	FJ	3,770,408	11/06/1973	McCully ✓			
	FK	3,878,033	04/15/1975	Zavasnik ✓			
	FL	3,882,259	05/06/1975	Nohara, et al. ✓			
	FM	3,893,957	07/08/1975	Mixon, et al. ✓			
	FN	3,932,692	01/13/1976	Hirata, et al. ✓			
	FO	4,198,327	04/15/1980	Matsumoto, et al. ✓			
	FP	4,405,667	09/20/1983	Christensen, et al. ✓			
	FQ	4,407,897	10/04/1983	Farrell, et al. ✓			
	FR	4,451,512	05/29/1984	Yazaki, et al. ✓			
	FS	4,464,328	08/07/1984	Yoshino, et al. ✓			
	FT	4,501,779	02/26/1985	Hsu, et al. ✓			
	FU	4,501,797	02/26/1985	Super, et al. ✓			
	FV	4,511,610	04/16/1985	Yazaki, et al. ✓			
	FW	4,526,821	07/02/1985	McHenry, et al. ✓			
<i>Sm</i>	FX	4,552,714	11/12/1985	Krueger, et al. ✓			

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U.S. PATENT DOCUMENTS							
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<i>Em</i>	FY	4,701,360	10/20/1987	Gibbons, et al. ✓			
	FZ	4,705,708	11/10/1987	Briggs, et al. ✓			
	GA	4,741,936	05/03/1988	Nohara, et al. ✓			
	GB	4,803,102	02/07/1989	Raniere, et al. ✓			
	GC	4,846,656	07/11/1989	Denis, et al. ✓			
	GD	4,861,526	08/29/1989	Gibbons, et al. ✓			
	GE	4,894,267	01/16/1990	Bettle, III, et al. ✓			
	GF	4,923,395	05/08/1990	Coxhead, et al. ✓			
	GG	4,950,510	08/21/1990	Massouda ✓			
	GH	4,977,004	12/11/1990	Bettle, III, et al. ✓			
	GI	4,990,382	02/05/1991	Weissenstein, et al. ✓			
	GJ	5,035,851	07/30/1991	Schirmer ✓			
	GK	5,035,933	07/30/1991	Ilenda, et al. ✓			
	GL	5,068,077	11/26/1991	Negi, et al. ✓			
	GM	5,085,822	02/04/1992	Uehara, et al. ✓			
	GN	5,129,815	07/14/1992	Miyazawa, et al. ✓			
	GO	5,133,999	07/28/1992	Löfgren, et al. ✓			
	GP	5,175,036	12/29/1992	Smiley, et al. ✓			
	GQ	5,183,706	02/02/1993	Bekele ✓			
	GR	5,202,192	04/13/1993	Hope, et al. ✓			
	GS	5,238,718	08/24/1993	Yano, et al. ✓			
	GT	5,314,987	05/24/1994	Kim, et al. ✓			
	GU	5,320,889	06/14/1994	Bettle, III ✓			
	GV	5,324,528	06/28/1994	Wright, et al. ✓			
	GW	5,360,670	11/01/1994	Yonezu, et al. ✓			
<i>Em</i>	GX	5,399,619	03/21/1995	Torradas, et al. ✓			

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<i>SM</i>	GY	5,459,218	10/17/1995	Palackal, et al. ✓			
	GZ	5,487,940	01/30/1996	Bianchini, et al. ✓			
	HA	5,512,338	04/30/1996	Bianchini, et al. ✓			
	HB	5,616,353	04/01/1997	Wright, et al. ✓			
	HC	5,631,030	05/20/1997	Brun, Jr., et al. ✓			
	HD	5,635,226	06/03/1997	Koda, et al. ✓			
	HE	5,730,919	03/24/1998	Wilfong, et al. ✓			
	HF	5,874,115	02/23/1999	Dobler ✓			
	HG	6,037,022	03/14/2000	Adur, et al. ✓			
	HH	6,037,063	03/14/2000	Muschiatti, et al. ✓			
	HI	6,042,906	03/28/2000	Itoh, et al. ✓			
	HJ	6,110,548	08/29/2000	Kinsey ✓			
	HK	6,136,354	10/24/2000	Wood, et al. ✓			
	HL	6,139,790	10/31/2000	Bogen, et al. ✓			
<i>SM</i>	HM	6,239,210	05/29/2001	Kim, et al. ✓			

FOREIGN PATENT DOCUMENTS								
		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>SM</i>	HN	WO 00/63085	26/10/2000	PCT ✓				x

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>SM</i>	HO	Co-pending Patent Application No. 09/293,401 filed April 16, 1999. ✓
	HP	Co-pending Patent Application No. 09/539,529 filed March 30, 2000. ✓
<i>SM</i>	HQ	N. Walling and M.R. Kamal, "Phase Morphology and Properties of Injection Molded Polypropylene/Ethylene Vinyl Alcohol Copolymer Blends", <u>Advances In Polymer Technology</u> , Vol. 5, No. 4, pp. 269-288 (1996). ✓

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
HR	Dr. H. Heyn, Bekum Maschinenfabriken GmbH, "PP Processing in 2 Phase Injection Stretch Blow Moulding for Packaging", Polypropylene '94, (1994) Zurich, Switzerland.	✓
HS	Dr. H. Heyn, "The Two-Stage Injection Stretch Blow-Moulding Process", Kunststoffe plast europe, (1994).	✓
HT	Product Information: Fusabond® polymers modifiers, Fusabond® Product Line, DuPont Industrial Polymers website, October 30, 2000.	✓
HU	S.M.B. Nachtigall, R. Baumhardt and R.S. Mauler, "A Factorial Design Applied to Polypropylene Functionalization With Maleic Anhydride", <u>Polymer Engineering and Science</u> , Vol. 39, No. 4, pp. 630-637 (1999).	✓
HV	Yuji Sawada, Hiromi Shigemoto, Haruhiko Tanaka, "Advanced Adhesive Resins Achieved With Metallocene Technology", Mitsui Chemicals, Inc., Future-Pak '99 handout.	✓
HW	S. Sanchez-Valdes, F. Orona-Villarreal, M. Lopez-Quintanilla, I. Yanez-Flores and L.F. Ramos De Valle, "Performance of Multilayer Films Using Maleated Linear Low-Density Polyethylene Blends", <u>Polymer Engineering and Science</u> , Vol. 38, No. 1, pp. 150-155 (1998).	✓
HX	"What We Make, Maleic Anhydride (MAN)", BP Amoco Chemicals Products website, printed February 15, 2000.	✓
HY	W.H. Gardner and L.H. Flett, "Maleic Acid, Fumaric Acid, and Maleic Anhydride", <u>Encyclopedia of Chemical Technology</u> , Third Edition, Vol. 14, pp. 770-793 (1982).	✓
HZ	Bo Pan, K. Viswanathan, C.E. Hoyle, R. Redfearn and R.B. Moore, "Photografting of Maleic Anhydride Onto Hydrocarbons: A Model Study On the Grafting Mechanism", <u>Polymer Preprints 2001</u> , 42(2), pp. 278-279.	✓
IA	Chapter 16, p. 482, Source unknown (date unknown).	✓
IB	Shucai Li, Pentti K. Jarvela and Pirkko A. Jarvela, "A Comparison Between Apparent Viscosity and Dynamic Complex Viscosity for Polypropylene/Maleated Polypropylene Blends", <u>Polymer Engineering and Science</u> , Vol. 37, No. 1, pp. 18-23 (1997).	✓
IC	Darilyn H. Roberts, Robert C. Constable and Seshan Thiruvengada, "Advances in Maleated Polyolefins for Plastics Applications", <u>Polymer Engineering and Science</u> , Vol. 37, No. 8, pp. 1421-1426 (1997).	✓
ID	Sidel, "Wave Lengths Frequencies Composition Applications Of The Electromagnetic Spectrum", (date unknown).	✓
IE	A. Derdouri, R. Connolly and R. Khayat, "Material Constants Identification for Thermoforming Simulation", ANTEC '98 handout, pp. 672-674.	✓
IF	D. Laroche and F. Erchiqui, "Experimental and Theoretical Study Of The Thermoformability of Industrial Polymers", ANTEC '98 handout, pp. 676-680.	✓
IG	Tameka Spence and Donald Hylton, "Rheological Studies of Commercial Thermoforming Materials", ANTEC '98 handout, pp. 681-689.	✓

(Rev. 5/92) Comparable to Form PTO-1449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office RECEIVED JUN 19 2002 TECHNOLOGY CENTER R3700	Docket No: 24180-124005 Appl. No. 10/046,500
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
Sm	IH	"Oriented Polypropylene: Strong New Contender Enters the Bottle Race", <i>Plastics World</i> , pp. 56-58 (1970). ✓
	II	"Beloit takes the wraps off its latest biaxial blow molder", <i>Plastics Engineering</i> , pp. 40-41 (1975). ✓
	IJ	Volker Rauschenberger, "Predicting The Processability of BOPP (Biaxially Oriented Polypropylene) Material For Film Applications On Laboratory Scale", ANTEC '98 handout, pp. 150-154. ✓
	IK	Ashish M. Sukhadia, "The Effects Of Molecular Structure, Rheology, Morphology and Orientation On Polyethylene Blown Film Properties", ANTEC '98 handout, pp. 160-168. ✓
	IL	Nathalie Legros, Akbar Ghaneh-Fard, Kenneth C. Cole, Abdellah Ajji and Michel M. Dumoulin, "Tensile Properties And Orientation Evolution With Processing Conditions In Polyethylene Blown Films", ANTEC '98 handout, pp. 169-173. ✓
	IM	S. Piccarolo, "Recovery Of Uniaxially Oriented Polypropylene", pp. 443-450 source unknown (date unknown). ✓
	IN	Arindam Datta, Jianguo J. Zhou, J. Jenny Yuan and Andrea Monisera, "The Effects of Annealing Conditions on the Structure and Properties of Polypropylene Fibers", <i>Medical Plastics and Biomaterials Magazine</i> , from devicelink.com/mpb/archive (1997). ✓
	IO	Francesco Briatico-Vangosa and Marta Rink, "Deformational Behavior of Polyolefins at High Temperature and Strain Rate: Experimental Analysis and Constitutive Laws", <i>Polymer Engineering and Science</i> , Vol. 40, No. 7, pp. 1553-1563 (2000). ✓
	IP	Phillip T. DeLassus and Nicole F. Whiteman, "Physical and Mechanical Properties of Some Important Polymers", <i>Polymer Handbook</i>, 4th ed., pp. 159-169 (date unknown). X
	IQ	Ethylene Polymers, Vol. 6, <i>Encyclopedia of Polymer Science and Engineering</i>, Vol. 6, pp. 420-423 (date unknown). ✓
	IR	December 19, 1997 computer search results listing titles and abstracts of citations numbered: 1-2 from <i>Energy Science and Technology</i>; 3 from <i>Engineering Index</i>; 4 from <i>Engineered Materials Abstracts</i>; 5 from <i>Mechanical Engineering</i>; 6-8 from <i>Materials Business</i>; 9 from U.S. Patent Bibliographic Database; 10-20 from <i>Paper and Board Printing and Packaging</i>; 21 from <i>Packaging Science & Tech. Abstracts</i>; and 22-53 from <i>Rubber & Plastics Research Abstracts</i>. ✓
Sm	IS	December 19, 1997 computer search results listing titles and abstracts of citations numbered: 1 from <i>Engineering Index</i> ; 2-9 from <i>Paper and Board Printing and Packaging</i> ; 10-17 from <i>Rubber & Plastic Research Abstracts</i> . ✓

(Rev. 5/92) Comparable to Form PTO-1449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Department of Commerce Patent and Trademark Office JUN 17 2002	Docket No. 24180-124005 JUN 19 2002 COMPUTER R3700,	Appl. No. 10/046,500
	Applicants: Richards, et al.		
	Filing Date: October 24, 2001	Group: Unassigned	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
SM	IT	December 19, 1997 computer search results listing titles and abstracts of citations numbered: 1-4 from <i>Paper and Board Printing and Packaging</i> ; and 5-8 from <i>Rubber & Plastics Research Abstracts</i> .
	IU	Thomas R. Mueller, "Improving Barrier Properties of Polypropylene Films", <i>Journal of Plastic Film & Sheeting</i> , Vol. 14, pp. 226-233 (1988). ✓
	IV	William W. Cox and Edward K. Bullock, "Draw Stress Characterization of Polypropylene For Improved Biaxial Film Processability", pp 397-415 (date unknown). ✓
	IW	M.E. Gross and C.D. Weber, "Carboxylic Polymers In Adhesives", <i>Handbook of Adhesives</i> , 2 ed., pp. 331-342. ✓
	IX	S. Sanchez-Valdes, I. Yanez-Flores, L.F. Ramos De Valle, O.S. Rodriguez-Fernandez, F. Orona-Villarreal and M. Lopez-Quintanilla, "Fusion Bonding of Maleated Polyethylene Blends to Polamide 6", <i>Polymer Engineering and Science</i> , Vol. 38, No. 1, pp. 127-133 (1998). ✓
SM	IY	DeBell & Richardson, Inc., "Status And Prospects Of Plastic Bottles In Food And Beverage Packaging", pp. 63-64 (1971). ✓
	IZ	Scott M. Hacker, "Not all Maleated Polyolefins are Created Equal", ANTEC '01 handout. ✓
Examiner <i>S. R. Welch</i>		Date Considered <i>06 Aug 2003</i>
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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		Applicants: Richards, et al.	
		Filing Date: October 24, 2001	Examiner: Not Yet Assigned Group: 3727

U.S. PATENT DOCUMENTS

*Exam. Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>fm</i>	AA 3,878,033	Apr. 15, 1975	Zavasnik			
	AB 3,950,459	Apr. 13, 1976	Seefluth			
<i>fm</i>	AC 6,248,413 EX	Jun. 19, 2001	Barel, et al.			

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FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Subclass	Translation	
						Yes	No

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>fm</i>	AD	International Search Report for PCT/US02/33961 dated February 25, 2003.
Examiner	Date Considered	
<i>S.M. Nelson</i>	<i>06 Aug 2003</i>	
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		